

**Math 1B.03**  
Calculus  
De Anza College  
Summer 2020

**Instructor:** Dr. Jim Mailhot (pronounced MY-it)

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**Class Meetings:** I will record lectures on the course material and make them available to you through Canvas. We will meet via Zoom (by way of a link in Canvas) on Mondays and Wednesdays from 10:00 am to Noon to discuss the course material and answer questions you may have.

**Textbook:** Either of the following:

- *Calculus Early Transcendentals*, 8<sup>th</sup> edition, by James Stewart
- *Calculus Early Transcendentals with Hyperbolic Functions* by James Stewart and Ron Larson. (This is the 8<sup>th</sup> edition of *Calculus Early Transcendentals* by Stewart, packaged together with a hyperbolic functions supplement by Ron Larson.)

**Grading:** Your grade in this course will be based on homework, in-class assignments, quizzes, two midterms and a comprehensive final exam, weighted as follows:

|                                    |            |
|------------------------------------|------------|
| Homework and in-class assignments: | 11.5%      |
| Quizzes (lowest score dropped):    | 21%        |
| 2 Midterms:                        | 17.5% each |
| Final Exam:                        | 32.5%      |

Grade breakdowns are:

|                  |    |
|------------------|----|
| 92.5% and above: | A  |
| 90 – 92.5%:      | A– |
| 87.5 – 90%:      | B+ |
| 82.5 – 87.5%:    | B  |
| 80 – 82.5%:      | B– |
| 77.5 – 80%:      | C+ |
| 70 – 77.5%:      | C  |
| 60 – 70%:        | D  |
| under 60%:       | F  |

**Homework:** Homework problems from the sections we cover in class will be assigned and collected via Canvas, and will be graded on “completeness”. Make sure you upload your answers to the homework in a standard file format, with good enough resolution that I will be able to read your writing.

**Quizzes:** Quizzes will be given periodically throughout the quarter, via Canvas. (See the quiz dates below.) Your lowest quiz score will be dropped, and the remaining quizzes will count toward your course grade.

**Exams:** There will be two midterms and a comprehensive final exam, taken via Canvas. (See the exam dates below.)

**Extra Credit?** No.

**Cheating Policy:** Don't be a cheater. Any student caught cheating on a quiz or an exam will receive zero points on that quiz or exam, and will be reported to the Office of Student Development. The same holds for any student who allows another student to cheat.

**Be courteous** to your fellow students. Please turn off all electronic devices. Anyone who repeatedly disrupts the class may be asked to leave.

**College Policies:**

- Students *can not* take the same class more than three times for a grade, *including W*.
- Late adds and late drops *will not* be processed.

**Quiz and Exam Dates (via Canvas):**

Quiz #1 – July 1-2

Quiz #2 – July 6-7

Quiz #3 – July 8-9

Quiz #4 – July 13-14

**Midterm #1 – July 15-16**

Quiz #5 – July 20-21

Quiz #6 – July 22-23

Quiz #7 – July 27-28

**Midterm #2 – July 29-30**

Quiz #8 – August 3-4

**Final Exam – August 5-6**

**Other Important Dates:**

Wednesday, July 1 – Last day to drop with a refund

Thursday, July 2 – Last day to add

Monday, July 6 – Last day to drop with no record

**Student Learning Outcome(s):**

- \*Analyze the definite integral from a graphical, numerical, analytical, and verbal approach, using correct notation and mathematical precision.
- \*Formulate and use the Fundamental Theorem of Calculus.
- \*Apply the definite integral in solving problems in analytical geometry and the sciences.